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07/28/03

Our File No. 9281-4614  
Client Reference No. S US02148

### PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Takeo Suzuki and Osamu Tatsumi for Mixer which Assures Satisfactory Performance Even At Low Supply Voltage.

Enclosed are:

- ☒ Preliminary Amendment
- ☒ 21 pages of application (including title page and Abstract), 2 sheets of formal drawings and the following Appendices: n/a
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to: Alps Electric Co., Ltd.
- ☒ Submission of Certified Copy of Priority Document and certified copy of Japanese Application No. 2002-230444
- ☒ Information Disclosure Statement, PTO-1449, and references A1

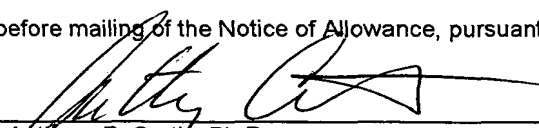
Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	6-20	0
Indep. Claims	1-3	0
Multiple Dependent Claims Present		

\*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity		or	Other Than Small Entity	
Rate	Fee		Rate	Fee
	\$ 370	or		\$ 750
x\$9=	\$	or	x\$18=	\$
x\$42=	\$	or	x\$84=	\$
+\$140=	\$	or	+\$280=	\$
Total	\$	or	Total	\$750

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
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- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
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  - ☐ Any patent application processing fees under 37 CFR § 1.17.
  - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

4/28/03  
Date

  
Anthony P. Curtis, Ph.D.  
BRINKS HOFER GILSON & LIONE  
Registration No. 46,193  
Customer Number 00757